

Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 046982/0114		SERIAL NO. Unassigned		
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				APPLICANT Shigeki KATAYAMA				
				FILING DATE 7/05/2000		GROUP ART UNIT Unassigned		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
MB	A1	5,359,437	10/94	Hibi	358	529		
MB	A2	5,502,579	03/96	Kita et al.	358	518		
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
MB	A3	4-317259	11/92	Japan				Abst
MB	A4	7-87346	03/95	Japan				Abst.
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
EXAMINER				DATE CONSIDERED				
Michael Burleson				3/19/04				
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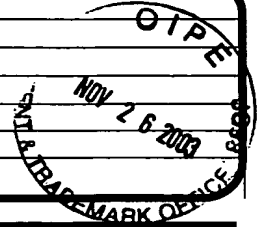
Date Submitted: November 26, 2003

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number 09/610,662
 Filing Date 07/05/2000
 First Named Inventor Shigeki KATAYAMA
 Group Art Unit 2714
 Examiner Name Unassigned
 Attorney Docket Number 046982-0114



U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
MB	A1	6,118,550		HAYASHI	09/12/2000	RECEIVED NOV 28 2003 Technology Center 2600
MB	A2	6,456,404		FURUYA et al.	09/24/2002	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
MB	A3	JP	10-51651			02/20/1998		X
MB	A4	JP	10-233928			09/02/1998		X
MB	A5	JP	10-271327			10/09/1998		X

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶

Examiner Signature

Michael Burdick

Date Considered

3/14/04

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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